



12/21/00

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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-005  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>		8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>	
3. <input checked="" type="checkbox"/> Specification [Total Pages <b>37</b> ] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> c. <input type="checkbox"/> Statements verifying identity of above copies	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [ Total Sheets <b>3</b> ]		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
5. Oath or Declaration [ Total Pages <b>3</b> ]		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>	
a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for continuation/divisional with Box 18 completed)</small>		11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>		13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>	
		16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: .....	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No: _____ / _____ <small>Prior application information. Examiner _____</small>			
Group Art Unit: _____			
<b>For CONTINUATION OR DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
<b>19. CORRESPONDENCE ADDRESS</b>			
<input type="checkbox"/> Customer Number or Bar Code Label		020988 <small>(Request consideration of filing date based on earliest filing date)</small>	
Name: <b>Swabey Ogilvy Renault</b>		<input type="checkbox"/> Correspondence address below	
Address: _____			
City: _____		State: _____	Zip Code: _____
Country: _____		Telephone: <b>613-230-6072</b>	Fax: <b>613-230-6706</b>
Name (Print/Type): <b>Kent Daniels</b>		Registration No. (Attorney/Agent): <b>44,206</b>	
Signature:		Date: <b>12 20 2000</b>	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 2,160)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Scott PEGRUM
Examiner Name	
Group Art Unit	
Attorney Docket No.	9-13528-136US

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 19-5113

Deposit Account Name Swabey Ogilvy Renault

 Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17 Applicant claims small entity status.  
See 37 CFR 1.272.  Payment Enclosed: Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Fee	Fee	Description	Fee Paid
101	710	201	355	Utility filing fee	710	
106	320	206	160	Design filing fee		
107	490	207	245	Plant filing fee		
108	710	208	355	Reissue filing fee		
114	150	214	75	Provisional filing fee		

SUBTOTAL (1) (\$ 710.00)

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	85	-20** = 65	X 18 = 1,170
Independent Claims	6	- 3** = 3	X 80 = 240
Multiple Dependent			= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent claims in excess of 3
104	270	Multiple dependent claim, if not paid
109	80	** Reissue independent claims over original patent
110	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 1,410)

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Fee	Fee	Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath		
127	50	227	25	Surcharge - late provisional filing fee or cover sheet		
139	130	139	130	Non-English specification		
147	2,520	147	2,520	For filing a request for ex parte reexamination		
112	920*	112	920*	Requesting publication of SIR prior to Examiner action		
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
115	110	215	55	Extension for reply within first month		
116	390	216	195	Extension for reply within second month		
117	890	217	445	Extension for reply within third month		
118	1,390	218	695	Extension for reply within fourth month		
128	1,890	228	945	Extension for reply within fifth month		
119	310	219	155	Notice of Appeal		
120	310	220	155	Filing a brief in support of an appeal		
121	270	221	135	Request for oral hearing		
138	1,510	138	1,510	Petition to institute a public use proceeding		
140	110	240	55	Petition to revive - unavoidable		
141	1,240	241	620	Petition to revive - unintentional		
142	1,240	242	620	Utility issue fee (or reissue)		
143	440	243	220	Design issue fee		
144	600	244	300	Plant issue fee		
122	130	122	130	Petitions to the Commissioner		
123	50	123	50	Petitions related to provisional applications		
126	240	126	240	Submission of Information Disclosure Stmt		
581	40	581	40	Recording each patent assignment per property (times number of properties)		40
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(e))		
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		
179	710	279	355	Request for Continued Examination (RCE)		
169	900	169	900	Request for expedited examination of a design application		
Other fee (specify) _____						

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

## SUBMITTED BY

Name (Print/Type)	Kent Daniels	Registration No. (Attorney/Agent)	44,206	Telephone	613-230-6072
Signature				Date	12 20 2000

Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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SWABEY  
OGILVY RENAULT

S.E.N.C.

P A T E N T   A N D   T R A D E   M A R K   A G E N T S

Max R. Wood - Tel: (613) 230 6072 - Ext. 230  
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December 21, 2000

Assistant Commissioner for Patents  
Washington, D.C. 20231  
U.S.A.

Sir:

**Re: New United States Patent Application**  
**Title: METHOD AND APPARATUS FOR**  
**ROUTING DATA TRAFFIC ACROSS A**  
**MULTICAST-CAPABLE FABRIC**  
**Inventor(s): Scott Pegrum, et al.**  
**Assignee: Nortel Networks Limited**  
**Our File: 9-13528-136US KD/bm**

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Scott PEGRUM  
Matthew YUEN  
Alicja CELER

TITLE OF THE INVENTION:

METHOD AND APPARATUS FOR ROUTING DATA  
TRAFFIC ACROSS A MULTICAST-CAPABLE FABRIC

The following documents are enclosed:

- a) Utility Patent Application Transmittal PTO/SB/05
- b) Specification/Claims/Abstract with  
Declaration/Power of Attorney
- c) Assignment in favor of Nortel Networks Limited  
with Recordation Form PTO-1619A
- d) Informal Drawings (3 Sheets - Figs. 1 - 4)

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PAUL MARCOUX  
KEVIN P. MURPHY  
JOHN D. MILLER  
ROBERT CARRIER  
MICHEL SOFIA  
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ALAN SWABEY [1909-1990]  
MELVIN SHER [1935-1994]

A FIRM IN WHICH SWABEY, MITCHELL,  
HOULE, MARCOUX & SHER AND  
THE LAW FIRM OGILVY RENAULT  
ARE PARTNERS

Assistant Commissioner of Patents

December 21, 2000

e) Our cheque No. 008666, Patent Application Fee Determination Record PTO/SB/06 and Fee Transmittal Form PTO/SB/17, covering:

Filing Fee	\$ 710.00
Recording of Assignment	\$ 40.00
<b>Total Number of Claims: 85</b>	
Independent claims in excess of 3 (3 @ \$80)	\$ 240.00
Claims in excess of 20 (65 @ \$18)	<u>\$1,170.00</u>
Total	\$2,160.00

Nortel Networks Limited qualifies for large entity status

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to our Account No. 19-5113.

Please note that the address of the agents for the applicant in this matter should be the Montreal address identified in the enclosed Declaration/Power of Attorney. Correspondence may be directed to Kent Daniels at the Montreal address of Swabey Ogilvy Renault.

Respectfully submitted



Kent Daniels  
Reg. No. 44,206  
Agent of Record  
Encls.

2001 RELEASE UNDER E.O. 14176